EAST Search History (Prior Art)

	EAST Search History (Prior Art)			
Ref #	Hits	Search Query	DBs	
S86	1	"20070007688"	DERWENT	
S87	2714	(polymer\$3 and (gel or sol-gel or gel- processing)).ab.	USPAT	
S88	29	S87 and draw\$4.ab.	USPAT	
S89	7	(polymer\$3 and (gel or sol-gel or gel- processing) and draw\$4).ab.	US-PGPUB	
S90	7	(Kristiansen or Tervoort).in. and polymer\$4.ab.	US-PGPUB; USPAT	
S91	44	(gel with polypropylene).ab.	US-PGPUB; USPAT	
S92	2	(gel with polymer with nucleat\$4).ab.	US-PGPUB; USPAT	
S93	26	(gel and polymer and nucleat\$4).ab.	US-PGPUB; USPAT	
S94	36	(gel\$9 and polymer\$4 and nucleat\$4).ab.	US-PGPUB; USPAT	
S95	36	(gel\$9 and polymer\$9 and nucleat\$4).ab.	US-PGPUB; USPAT	
S96	10	S95 not S93	US-PGPUB; USPAT	
S97	1	"06057055"	JPO	
S98	1	"05222236"	JPO	
S99	3	"05222236"	USPAT; EPO; JPO; DERWENT	
S100	1	"05-222236"	USPAT; EPO; JPO; DERWENT	
S101	0	"405222236A"	USPAT; EPO; JPO; DERWENT	
S102	1	"JP405222236A"	USPAT; EPO; JPO; DERWENT	
S103	0	"405222236"	USPAT; EPO; JPO; DERWENT	
S104	3	"06057055"	USPAT; EPO; JPO; DERWENT	
S105	0	"06-057055"	USPAT; EPO; JPO; DERWENT	
S106	1	"6-057055"	USPAT; EPO; JPO; DERWENT	
S107	2	"6-57055"	USPAT; EPO; JPO; DERWENT	

S108	4	(("5030402") or ("4413110") or ("4820466") or ("4655769")).PN.	USPAT
S109	1	("4436689").PN.	USPAT
S110	1	("4344908").PN.	USPAT
S111	2	(gel\$8 with polymer with nucleat\$5).ab.	USPAT
S112	15	(gel\$8 and polymer and nucleat\$5).ab.	USPAT
S113	14	(gel\$8 and polymer and nucleat\$5).ab.	US-PGPUB
S114	3	(gel\$8 and (polyolefin\$2 or polyethylene or	US-PGPUB
		polypropylene) and nucleat\$5).ab.	
S115	6	(gel\$8 and (polyolefin\$2 or polyethylene or	USPAT
		polypropylene) and nucleat\$5).ab.	
S116	67	(gel\$8 and (polyolefin\$2 or polyethylene or	EPO; JPO;
		polypropylene) and nucleat\$5).ab.	DERWENT
S117	4	(gel\$8 and (polyolefin\$2 or polyethylene or	EPO: JPO:
		polypropylene) and nucleat\$5).ti.	DERWENT
S118	1	"05-222237"	USPAT;
			EPO; JPO;
			DERWENT
S119	3	"05222237"	USPAT;
			EPO; JPO;
			DERWENT
S120	3	(("4016118") or ("4314039") or	USPAT
		("5049605")).PN.	
S121	1	10/940781	US-PGPUB;
			USPAT
S122	1	("6803089").PN.	USPAT
S123	1	("5310950").PN.	USPAT
S124	1	("5310950").PN.	USPAT
S125	4	(US-20050215680-\$).did. or (US-4016118-\$	US-PGPUB;
		or US-5310950-\$).did. or (JP-08239386-	USPAT;
		\$).did.	JPO
S126	11	(US-4344908-\$ or US-4436689-\$ or US-	USPAT;
		5310950-\$).did. or (JP-05222236-\$ or JP-	JPO;
		05222237-\$ or JP-06057055-\$ or JP-	DERWENT
		08012799-\$ or JP-08239386-\$).did. or (JP-	
		04352787-\$ or JP-05222236-\$ or JP-	
0407	00	06057055-\$).did.	LIO DODI ID:
S127	32	(US-20050215680-\$).did. or (US-4385026-\$ or US-4360488-\$ or US-5238634-\$ or US-	US-PGPUB;
		4016118-\$ or US-6803398-\$ or US-4413110-\$	USPAT; JPO:
		or US-4314039-\$ or US-5935651-\$ or US-	DERWENT
		5879607-\$ or US-5573824-\$ or US-4734196-\$	DENVENT
		or US-5310950-\$ or US-5973043-\$ or US-	
		4643865-\$ or US-5049605-\$ or US-5911023-\$	
		or US-3864447-\$ or US-4436689-\$ or US-	
		4344908-\$ or US-7262236-\$ or US-5479952-\$	
		or US-5407623-\$).did. or (JP-08239386-\$ or	
		JP-08012799-\$ or JP-05222236-\$ or JP-	
		05222237-\$ or JP-06057055-\$).did. or (JP-	
		05222236-\$ or JP-06057055-\$ or JP-	
		04352787-\$ or KR-2002004215-\$).did.	
S128	12	S127 and nucleat\$	US-PGPUB;

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			USPAT;
			JPO;
			DERWENT
S129	1	10/785418	US-PGPUB;
			USPAT
S130	1	("4184026").PN.	USPAT
S131	2	(("3367926") or ("3852237")).PN.	USPAT
S132_	2	(("4422993") or ("4413110")).PN.	USPAT
S133	2	(("4436689") or ("4344908")).PN.	USPAT
S134	165	("4137394").PN. OR ("4413110").URPN.	US-PGPUB;
			USPAT;
			USOCR
S135	56	("3048465"   "3962205"   "4137394"	US-PGPUB;
		"4228118"   "4344908").PN. OR	USPAT;
		("4422993").URPN.	USOOR
S136	40	("3048465"   "4268470"   "4344908").PN. OR	US-PGPUB;
		("4436689").URPN.	USPAT;
			USOCR
S137	78	("0362460"   "2979774"   "3441640"	US-PGPUB;
		"3449485"   "3737504"   "3742104"	USPAT;
		"4020230"   "4137394"   "4205038").PN. OR	USOCR
		("4344908").URPN.	
S138	1	("4184026").PN.	USPAT
S139	9	("3326880"   "3367926").PN. OR	US-PGPUB;
		("4184026").URPN.	USPAT;
			USOCR
S140	254	( S134 or S135 or S136 or S137 or S139)	US-PGPUB;
			USPAT;
			USOCR
S141	44	S140 and (polypropylene or propyl or	US-PGPUB;
		propylene) and nucleat\$6	USPAT;
			USOCR
S142	16	S141 and (gel or gelat\$7 or gel-process\$4 or	US-PGPUB;
		gels or gel\$5)	USPAT;
01.10			USOOR
S143	15441	(gel or gel-process\$4 or gelled or gelling or	US-PGPUB;
		gelat\$5) and (polypropylene or propyl or	USPAT;
		propylene) and nucleat\$6 and (draw\$4 or	USOOR
S144	8354	fiber\$2 or fibre\$2)	US-PGPUB:
3144	6354	(gel or gel-process\$4 or gelled or gelling or gelat\$5) and (polypropylene or propyl or	US-PGPUB;
		propylene) and nucleat\$6 and (fiber\$2 or	USOCR
		fibre\$2)	USCCA
S145	15541	(gel or gel-process\$4 or gelled or gelling or	US-PGPUB:
3145	10041	gelat\$5) and (polypropylene or propyl or	US-PGPUB; USPAT:
		propylene) and nucleat\$6 and (fiber\$2 or	USOCR
		fibre\$2 or film)	03000
S146	7	(gel or gel-process\$4 or gelled or gelling or	US-PGPUB:
3140	l ′	gelat\$5) with (polypropylene or propyl or	USPAT:
		propylene) with nucleat\$6 with (fiber\$2 or	USOCR
		fibre\$2 or film)	55561
S147	2	((gel or gel-process\$4 or gelled or gelling or	US-PGPUB:
0147	1 -	LIVA or Ani-bronesson or Acree or Acree of	UUTIUIUD,

gelat\$\( \) and (polypropylene or propyl or propylene) and nucleat\$\( \) and (fiber\$\( 2 \) or fibre\$\( 2 \) or fibre\$\( 2 \) or fibry.\( \) and (polypropylene or propyl or propylene) and nucleat\$\( \) and (fiber\$\( 2 \) or fibre\$\( 2 \) or film)), ab.    S149	_		I	
S148   41			gelat\$5) and (polypropylene or propyl or	USPAT;
S148				USOCR
gelat\$5   and (polypropylene or propyl or propylene) and nucleat\$6 and (fiber\$2 or fibre\$2 or fibre\$2 or film)), clm.   USPAT; USOCR				
Propylene  and nucleat\$6 and (fiber\$2 or fibre\$2 or fibre\$2 or film)).clm.   USPAT	S148	41		
Situstic and (polypropylene or (polymers4 and propylene) and nucleats6 and (gel or gelats6)   JPPO; DEFWENT   JPPO; JPO; DEFWENT   JPPO; JP				
S149   63				USOOR
S150         5         S149 and nucleat\$6         USPAT           S151         213         S140 and (polypropylene or propyl or propylene)         US-PGPUB; USPAT; USCOR           S152         157         S151 and (gel or gelat\$7 or gel-process\$4 or gels or gel\$5)         US-PGPUB; USPAT; USCOR           S153         64         (gel or gel-process\$4 or gelled or gelling or gelat\$5) and (polypropylene or propyl or propylene) and nucleat\$6 and (draw\$4 or film or fiber\$2 or fibre\$2)         EPO; JPO; DEFWENT           S154         2         "06057055"         JPO; DEFWENT           S155         2         "05222236"         JPO; DEFWENT           S156         2         "08239386"         JPO; DEFWENT           S157         1         ("4184026").FN.         USPAT           S158         1         isotatic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)         DEFWENT           S159         0         Isotatic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)         DEFWENT           S160         0         Isotatic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)         JPO           S161         0         Isotatic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)         DEFWENT           S162         13         is				
S151   S140 and (polypropylene or propyl or propylene)   USPAT;				
S152   157   S151 and (gel or gelat\$7 or gel-process\$4 or gels or gel\$5)   US-PGPUB; US-PAT; US-S153   64   (gel or gel-process\$4 or gelled or gelling or gelat\$5) and (polypropylene or propyl or propylene) and nucleat\$6 and (draw\$4 or film or fiber\$2 or fibre\$2 or fibre\$2)   US-PGPUB; US-PAT; US-S154   2 "06057055"   US-PGPUB; US-PAT; US-S155   US-CR   US-PAT; US-CR   US-PGPUB; US-PAT; US-CR   US-PAT;	S151	213	S140 and (polypropylene or propyl or	
S152         157         S151 and (gel or gelat\$7 or gel-process\$4 or gels or gel\$5)         US-PGPUE; USPAT; USCOR           S153         64         (gel or gel-process\$4 or gelled or gelling or gelat\$5) and (polypropylene or propyl or propylene) and nucleat\$6 and (draw\$4 or film or fiber\$2 or fibre\$2 or fibre\$2         EFNC, JPO; DEFWENT           S154         2         "06057055"         JPO; DEFWENT           S155         2         "05222236"         JPO; DEFWENT           S156         2         "08239386"         JPO; DEFWENT           S157         1         ("4184026").PN.         USPAT           S158         1         isotatic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)         DEFWENT           S159         0         isotatic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)         JPO           S160         0         isotatic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)         JPO           S161         1         isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)         JPO           S162         13         isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)         DEFWENT           S163         1         isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or ge			propylene)	
gels or gels\$5   USPAT; USOCR				
S153   64   (gel or gel-process\$4 or gelled or gelling or gelat\$5) and (polypropylene or propyl or propylene) and nucleat\$6 and (draw\$4 or film or fiber\$2 or fibre\$2)   JPO; DEFWENT	S152	157		
S153			gels or gel\$5)	
glalat\$6 and (polypropylene or (polymer\$4 and propylene) and nucleat\$6 and (draw\$4 or film or fiber\$2 or fibre\$2)   S154   2				
	S153	64	(gel or gel-process\$4 or gelled or gelling or	
S154   2				DERWENT
S154   2			propylene) and nucleat\$6 and (draw\$4 or film	
S155   2 "0522236"   DEFMENT JPC;				
S155   2	S154	2	"06057055"	
S156   2				DERWENT
S156   2	S155	2	"05222236"	JPO;
S157   1 ("4184026").PN.   DEFAWENT   USPAT				DERWENT
S157         1         (*184026*).P.N.         USPAT           S158         1         isotatic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)         DEFRWENT           S159         0         isotatic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)         EPO           S160         0         isotatic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)         JPO           S161         0         isotatic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)         JPO           S162         13         isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)         DEFRWENT           S163         1         isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)         EPO           S164         652         isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)         US-PGPUB           S165         750         isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)         US-PGPUB           S166         460         (isotactic with (polypropylene or (polymer\$4 us-PGPUB         US-PGPUB	S156	2	"08239386"	JPO;
Sistatic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)				DERWENT
propylene)) and nucleat\$6 and (gel or gelat\$6)  S159 0   isotatic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$5)  S160 0   isotatic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$5)  S161 0   isotatic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$5)  S162 13   isotatic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)  S163 1   isotatic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)  S164 652   isotatic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)  S165   isotatic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)  S165   isotatic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)  S166   460   (isotatic with (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)	S157	1	("4184026").PN.	USPAT
Gelat\$6   Gela	S158	1	isotatic and (polypropylene or (polymer\$4 and	DERWENT
S159   0			propylene)) and nucleat\$6 and (gel or	
propylene)) and nucleat\$6 and (gel or gelat\$6)  S160 0 isotatic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)  S161 0 isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)  S162 13 isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)  S163 1 isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)  S164 652 isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)  S165 750 isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)  S165 460 (isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)  S166 460 (isotactic with (polypropylene or (polymer\$4 US-PGPUB\$			gelat\$6)	
Gelai\$6   Gela	S159	0	isotatic and (polypropylene or (polymer\$4 and	EPO
S160   0			propylene)) and nucleat\$6 and (gel or	
propylene)) and nucleat\$6 and (gel or gelat\$6)  S161 0			gelat\$6)	
	S160	0	isotatic and (polypropylene or (polymer\$4 and	JPO
S161   0   Isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   S162   13   Isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   Isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   Isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   Isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   Isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   Isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   Isotactic and (polypropylene or (polymer\$4   USPAT   Isotactic with (polypropylene or (polymer\$4   USPAT			propylene)) and nucleat\$6 and (gel or	
and propylene)) and nucleat\$6 and (gel or gelat\$6)   Isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)			gelat\$6)	
gelat\$6)   solatacic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   solatacic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   solatacic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   solatacic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   solatacic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   solatacic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   S166   460   (isolatacic with (polypropylene or (polymer\$4   US-PGPUB	S161	0	isotactic and (polypropylene or (polymer\$4	JPO
S162   13   isotacic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   Isotacic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   Isotacic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   Isotacic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   Isotacic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   Isotacic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   Isotacic with (polypropylene or (polymer\$4   US-PGPUB			and propylene)) and nucleat\$6 and (gel or	
and propylene)) and nucleat\$6 and (gel or gelat\$6)  \$163			gelat\$6)	
Gelat\$6	S162	13	isotactic and (polypropylene or (polymer\$4	DERWENT
S163   Solatic and (polypropylene or (polymer\$4   EPO			and propylene)) and nucleat\$6 and (gel or	
and propylene)) and nucleat\$6 and (gel or gelat\$6)			gelat\$6)	
and propylene)) and nucleat\$6 and (gel or gelat\$6)   S164   652   isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   S165   750   isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   S166   460   (isotactic with (polypropylene or (polymer\$4 US-PGPUB	S163	1	isotactic and (polypropylene or (polymer\$4	EPO
S164   652   isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)			and propylene)) and nucleat\$6 and (gel or	
and propylene)) and nucleat\$6 and (gel or gelat\$6)   S165   750   Isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   S166   460   (Isotactic with (polypropylene or (polymer\$4   US-PGPUB			gelat\$6)	
gelai\$6)   Gelai\$6   S165   750   isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)   S166   460   (isotactic with (polypropylene or (polymer\$4   US-PGPUB	S164	652	isotactic and (polypropylene or (polymer\$4	US-PGPUB
S165 750 solution isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6) S166 460 (isotactic with (polypropylene or (polymer\$4 US-PGPUB			and propylene)) and nucleat\$6 and (gel or	
and propylene)) and nucleat\$6 and (gel or gelat\$6)  S166 460 (isotactic with (polypropylene or (polymer\$4 US-PGPUB			gelat\$6)	
gelat\$6)         US-PGPUB           \$166         460         (isotactic with (polypropylene or (polymer\$4)         US-PGPUB	S165	750	isotactic and (polypropylene or (polymer\$4	USPAT
S166 460 (isotactic with (polypropylene or (polymer\$4 US-PGPUB			and propylene)) and nucleat\$6 and (gel or	
			gelat\$6)	
and propylene))) and nucleat\$6 and (gel or	S166	460		US-PGPUB
			and propylene))) and nucleat\$6 and (gel or	

## **EAST Search History**

		gelat\$6)	
S167	10	(isotactic and (polypropylene or (polymer\$4 and propylene)) and nucleat\$6 and (gel or gelat\$6)).clm.	US-PGPUB; USPAT
S168	3	kristiansen and gelation and polypropylene	USPAT
S169	303	(isotactic adj polypropylene) and (draw adj ratio)	USPAT
S170	8	((isotactic adj polypropylene) and (draw adj ratio)).ab.	USPAT
S171	100	(isotactic adj polypropylene) and (draw adj ratio) and gel\$6	USPAT
S172	12	(isotactic adj polypropylene) and (draw adj ratio) and gel\$6.clm.	USPAT
S173	4	"2002004215"	DERWENT
S174	1	("4559296").PN.	USPAT
S175	1	("6632885").PN.	USPAT